## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yusuke SUZUKI

Application No.: New U.S. Patent Application

Filed: December 15, 2003 Docket No.: 117555

For: FAILURE DIAGNOSTIC APPARATUS AND FAILURE DIAGNOSTIC METHOD FOR

GAS CONCENTRATION DETECTING APPARATUS

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

JAO:TJP/smk

Date: December 15, 2003

OLIFF & BERRIDGE, PLC

B.O. Part 19929

P.O. Box 19928

Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our

Deposit Account No. 15-0461

Sheet	1	of	1

Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE		;e E	ATTY D 117555	OCKET NO.		APPLICATION NO. New U.S. Patent Application				
INFORMATION DISCLOSURE STATEMENT			ļ							
(Use several sheets if necessary)				APPLICANT Yusuke SUZUKI						
			ŀ	FILING I						
		US	PAT	<u> </u>	· · · · · · · · · · · · · · · · · · ·		<del></del>			
EXAMINER INITIAL		DOCUMENT NUMBER		ATENT DOCUMENTS  DATE NAME		1F	CLASS	SUB CLASS		
	1	US2002/0050455 A1	<del>                                     </del>	/2002						
-	2	4,951,632	<del>                                     </del>	8/1990	YAKUWA et al.					
						-		******		
	$\neg$							<del></del> , •		
		FOREIC	JN PA	TENT DO	DCUMENTS					
		DOCUMENT NUMBER		DATE	COUNT	TRY	CLASS	SUB CLASS		
	3 JP U 58-154459		10/1	15/1983	15/1983 JAPAN					
			<b></b>			<del></del>				
			<b> </b>							
	$\Box$	OTTUDE POOLINGENIES (I	<u></u>							
		OTHER DOCUMENTS (Inc	luding	g Author,	Title, Date, Pertinent Page	es, etc.)		-		
	-						<del></del>			
	$\dashv$							-		
	ŀ				<del></del>	-				
	r					<del></del>				
1	$\dashv$							· •		
EXAMINER						DATE CONS	SIDERED			

Date: December 15, 2003